

■ Contract Research Organization ■ Quality Control Laboratories



PRESERVATION EFFICACY TEST
CERTIFICATE OF ANALYSIS No R131065188 / 17.10.2013

For the attention of : Mrs. Daravelis.

Client : "BEAUTYLAB", ELIZABETH DARAVELIS & Co E.E. – R&D of cosmetics, 22 Davaki Str., P.O.Box.: 15121, Pefki, Attica, Greece.

Tel : +30210 2513930 **Fax :** +30210 2513250

Co.: K.KOUROU & Co E.E. – Exports of extra virgin olive oil, 12 km. Kavala-Drama Rd, Greece.

Tel : +302510 622848

Sample description: Cosmetic.

Sample labelling from client: "Product: SUNSCREEN FACE CREAM SPF30, production date: 02/09/2013, Lot: -, product type: Leave on, Company/client: K.KOUROU & Co E.E., Pres.system: Phenoxetol 1%, Dermosoft octiol 0.5%"

Skylab-Med reference: 1309-1228/18

Sampling: Client (Beauty Lab)

Sample reception date: 02/09/2013

Sample packaging/weight: Plastic sterilized container, (1) × ~200g.

Transport: Skylab-Med

Sample condition upon receipt: Normal

Duration of analyses: 09/09 – 15/10/13

Our Laboratories have a Manufacturing Authorisation from National Drug Organisation, EOF (Authorisation Nr 0000009612/11/1). Accredited tests are identified by the symbol*. The results only concern the submitted sample. The present analytical report can only be reproduced in full and only with the written approval of our laboratories.

RESULTS

The Challenge Test was performed according to the CTFA Microbiology Guidelines and the experimental protocol of the European Pharmacopoeia.

The examined micro-organisms are:

Pseudomonas aeruginosa, Staphylococcus aureus, Candida albicans, Aspergillus niger, Escherichia coli.

The product is assessed as having sufficient antimicrobial protection.

Please find attached:

- 1) Table with the concentrations of the microorganisms versus test time.
- 2) Diagrams showing the % presence of each examined microorganism with time. In the same diagrams we show the typical profile that the microorganism should have according to the CTFA guidelines and the European Pharmacopoeia.

SIGNATURE

Dr. Nicoletta Yannovits
Analytical Dept. Manager



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Company name/client: K.KOUROU & Co E.E.
Product description: SUNSCREEN FACE CREAM SPF30
Lot: -
Production date: 02/09/2013
product type: Leave on
Sampler: Beauty Lab, 04/09/13
Starting date of analyses: 09/09/2013
Test material remarks: -
Preservatives used: Phenoxetol 1%, Dermosoft octiol 0.5%

RESULTS

The Challenge Test was performed according to the CTFA Microbiology Guidelines and the experimental protocol of the European Pharmacopoeia.

The examined micro-organisms are:

Pseudomonas aeruginosa, *Staphylococcus aureus*, *Candida albicans*, *Aspergillus niger*, *Escherichia coli*.

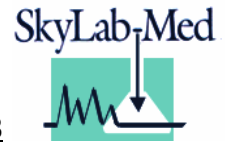
The product is assessed as having sufficient antimicrobial protection.

Please find attached:

- 3) Table with the concentrations of the microorganisms versus test time.
- 4) Diagrams showing the % presence of each examined microorganism with time. In the same diagrams we show the typical profile that the microorganism should have according to the CTFA guidelines and the European Pharmacopoeia.

SAMPLE (1309-1228.18)

Days	Concentration per ml			
	0	7	14	28
<i>Escherichia coli</i> ($1 \cdot 10^7$)	$2,8 \times 10^6$	<10	<10	<10
<i>Pseudomonas aeruginosa</i> ($2,5 \cdot 10^7$)	$1,5 \times 10^4$	<10	<10	<10
<i>Staphylococcus aureus</i> ($8,0 \cdot 10^6$)	$1,7 \times 10^6$	<10	<10	<10
<i>Candida albicans</i> ($5,7 \cdot 10^5$)	2×10^5	<10	<10	<10
<i>Aspergillus niger</i> ($1,6 \cdot 10^4$)	4×10^3	<10	<10	<10



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